SVIRIDOV, A.P.; KOREPIN, Ye.A.; BYSTROV, A.I.; KARPOV, V.G.; BARASHKOV, S.K.

Supersound projector equipped with Y-cut quartz piezoelectric cells. Izv.vys.ucheb.zav.; prib. no.1:34-37 '59. (MIRA 12:11)

1. TSentral'naya nauchno-issledovatel'skiaya laboratoriya mestnoy promyshlennosti Lengorispolkoma.
(Ultrasonic waves--Industrial applications)

SVIRIDOV, A.P.

Production of fine-dispersed emulsions by a hydrodynamic vibrator. Biul.tekh.-ekon.inform. no.5:26-27 '59. (MIRA 12:8)

(Emulsions) (Vibrators)

BARASHKOV, Sergey Konstantinovich; BYSTROV, Anatoliy Ivanovich; KARPOV, Vladimir Gavrilovich; KOREPIN, Yevgeniy Andreyevich; SVIRIDOV, Anatoliy Petrovich; MIKHALEV, B.Ye., inzh., red.; FREGER, D.P., red. izd-va; GVIRTS, V.L., tekhn. red.

[Ultrasonic radiator made from barium titanate ceramics for technological applications] Izluchateli ul'trazvuka iz keramiki titanata bariia dlia tekhnologicheskikh primenenii. Leningrad, 1960. 18 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Elektricheskie metody obrabotki materialov, no.1) (MIRA 14:11)

(Ultrasonic waves)

SVIRIDOV, Anatoliy Petrovich; VEROMAN, V.Yu., red.; FOMICHEV, A.G., red. izd-va; BELOGUROVA, I.A., tekhn. red.

[Ultrasonic machining of piezoquartz] Ul'trazvukovaia obrabotka p'ezokvartsa. Leningrad, 1961. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Elektricheskie metody obrabotki materialov, no.5) (MIRA 15:5)

(Oscillators, Crystal)
(Ultrasonic waves--Industrial applications)

NETUSHIL, A.V.; KUSHELEV, Yu.N.; USKOV, V.G.; BUDENNYY, A.P.; SVIRIDOV, A.P.

Automatic devices for checking current progress of students. Izv. vys. ucheb. zav.; radiotekh. 6 no.4:408-416 Jl-Ag '63. (MIRA 16:11)

SVIRIDOV, Anatoliy Petrovich; VERKHAN, V.Yu., red.

[Ultrasonic equipment for the dimensional working of hard precious and semiprecious stones] Ul'trazvukovoe oborudovanie dlia razmernoi obrabotki tsvetnykh kamnei tverdykh porod. Leningrad, 1964. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Elektrotekhnologicheskie protsessy i ustanovki, no.2) (MIRA 17:9)

L [illegible]-65 EWA(h)/EWP(k)/EWT(d)/EWT(l)/EWT(m)/EWP(b)/EWP(b)/T/EWA(d)/EWP(l)/
[illegible] UR/0286/65/000/008/0087/0087

ACCESSION NR: AP5015549

AUTHORS: Sviridov, A. P.; Shchichilin, V. M.

36

TITLE: A device for machining with ultrasound. Class 1., No. 170272

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 8, 1965, 87

TOPIC TAGS: ultrasound, magnetostriction oscillator, abrasive

ABSTRACT: This Author Certificate presents a device for machining with ultrasound [illegible] on the principle. The device contains a magnetostrictive converter, [illegible], and feeding systems for the abrasive suspension. To increase its [illegible] the magnetostrictive converter is provided with two concentrators, one at each of its ends. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 22Aug62 ENCL: 01 SUB CODE: IE

NO REF SOV: 000 OTHER: 000

Card 1/1

SVIRIDOV, A.P., veterinarnyy vrach

Rickettsial conjunctivitis in calves. Veterinariia 41 no.6:34-35 Je '64. (MIRA 18:6)

1. Chebarkul'skoye proizvodstvennoye upravleniye, Chelyabinskoy oblasti.

SVIRIDOV, A. S.

"Growth of Oaks in Group Plantings in Shelter Belts on the Leached-Out Chernozems of the Northern Part of Tambovskaya Oblast." Cand Agr Sci, Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev, Moscow, 1955. (KL, No 17, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

SVIRIDOV, A.S., inzh.

Unit for cleaning roller bearings without dismounting marine electric motors. Sudostroenie 25 no.4:51-53 Ap '59. (MIRA 12:6)
(Roller bearings--Cleaning) (Marine engines)

SVIRIDOV, A.V., Geroy Sotsialisticheskogo Truda.

Construct subway tunnels twice as fast. Transp.stroi. 9 no.1:10-12 Ja '59. (MIRA 12:2)
(Moscow--Subways) (Tunneling)

SVIRIDOV, A.Ye.

Results of stereophotogrammetric surveying at a scale of 1:5000
Sbor.st.po geod. no.7:17-24 '54. (MLRA 8:11)
(Aerial photogrammetry)

YERMAKOV, L.K.; TYABIN, V.Ye.; MIKHAYLOV, A.K. [deceased]; KOMISSAROV, B.M.; PYLEVA, V.N.; SVIRIDOV, A.Ye.; NIKITINA, V.N., redaktor izdatel'stva; KRYNOCHKINA, K.V., tekhnicheskiy redaktor

[Production norms for geodetic and topographical work in geological prospecting and geophysical organizations. Supplement to the unified production norms for geodetic and topographical work in the Chief Administration of Geodesy and Cartography of the Ministry of Interior of the U.S.S.R.] Normy vyrabotki na geodezicheskie i topograficheskie raboty geologo-razvedochnykh i geofizicheskikh organizatsii. Dopolnenie k edinym normam vyrabotki na geodezicheskie i topograficheskie raboty GUGK MVD SSSR 1954 g. Moskva, Gos. nauchno-tekhn. izd-vo litry po geol. i okhrane nedr, 1956. 51 p. (MLRA 10:1)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. 2. Ministerstvo geologii i okhrany nedr SSSR (for Yermakov) 3. Ministerstvo neftyanoy promyshlennosti SSSR (for Pyleva) 4. Ministerstvo ugol'noy promyshlennosti SSSR (for Sviridov)
(Geodesy) (Cartography)

14-1-112

Translation from: Referativnyy Zhurnal, Geografiya, 1957, Nr 1, p. 11 (USSR)

AUTHORS: Aleksandrova, Yu. Ya, Bocharova, Ye. P., Knorozova, V. N. Leytgammel', Ye. E. Sviridov, A. Ye., Sokolova, N. A. and Eglit, V. I.

TITLE: Experimental and Practical Work of the MOSMT (Opytno-proizvodstvennaya rabota MOSMT)

PERIODICAL: In: Opyt stereotopogr. s"yemki, Moscow, Geodezizdat, 1956, pp. 5-15

ABSTRACT: Brief description of field location; description of aerial, field and office work in stereotopographic surveying on a scale 1:5,000 for compiling topographic plans of coal basins.

Card 1/1

SVIRIDOV, A.Ye.

Trigonometric leveling. Geod. i kart. no.8:22-26 Ag '64. (MIRA 17:11)

SVIRIDOV, B., kand.tekhn.nauk

What is "molikot." Akust. zhur. 6 no.2:59-60 '60. (MIRA 13:8)

(Lubrication and lubricants)
(Molybdenum compounds)

SVIRIDOV, B.F.

Canning and preserving industry of Moldavia. Kons. i ov. prom. 16 no.6:6-9 Je '61. (MIRA 14:8)

1. Sovnarkhoz Moldavskoy SSR.
(Moldavia—Canning industry)

RYBCHENKOVA, M.; SVIRIDOV, D.

Social Sciences

Endeavoring to lower cost of industrial production, Gospolitizdat.

Monthly List of Russian Accessions, Library of Congress, March 1952. UNCLASSIFIED.

SVIRIDOV, Dmitriy Anempodistovich; GUROV, S., red.; PAVLOVA, S., tekhn. red.

[Economize in large as well as in small things]Ekonomit' v bol'shom i malom. Moskva, Mosk. rabochii, 1961. 34 p. (MIRA 15:10)

(Moscow--Electric lamps)

GRUM-GRZHIMAYLO, S.V.; BRILLIANTOV, N.A.; VOLKOVA, N.V.; DOBRZHANSKIY, G.F.; SVIRIDOV, D.T.

Light absorption spectra of nickel ammonium sulfate monocrystals at temperature from 290° to 1.7°K. Kristallografiia 7 no.1: 84-88 Ja-F '62. (MIRA 15:2)

1. Institut kristallografii AN SSSR i Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
(Nickel ammonium sulfate crystals--Spectra)

SVIRIDOV, D.T.

Oscillatory "structure" of the broad band of impurity light absorption in crystals. Opt. i spektr. 13 no.4:532-535 O '62. (MIRA 16:3)
(Crystals--Spectra)

S/051/63/014/002/007/026
E039/E120

AUTHORS: Grum-Grzhimaylo, S.V., Brilliantov, N.A., Sviridov, D.T., Sviridova, R.K., and Sukhanova, O.N.

TITLE: Absorption spectra of crystals containing Fe^{3+} for temperatures down to 1.7 °K

PERIODICAL: Optika i spektroskopiya, v.14, no.2, 1963, 228-233

TEXT: The absorption spectra of demantoid-garnet ($Ca_3Fe_2Si_3O_{12}$), vesuvianite ($H_2Ca_{10}(MgFe)Al_4Si_6O_{18}$) and epidote ($Ca_2(AlFe)O(Si\,O_4)[Si_2O_7]OH$) are obtained at temperatures of 290, 77, 4.2 and 1.7 °K. The spectra were obtained in polarized light using a СФ-4 (SF-4) spectrograph for observations at 290 °K, and quartz ИСП-22 (ISP-22) and glass ISP-51 spectrographs at the lower temperatures. In these crystals the color is produced by the isomorphous substitution of Fe^{3+} ions for Al^{3+}. At room temperature the absorption spectra of these crystals show wide bands characteristic of material containing Fe^{3+} ions. At low temperatures these bands are narrower. The position of these bands for demantoid and epidote is shown in the table.

Absorption spectra of crystals ... S/051/63/014/002/007/026
E039/E120

In the case of vesuvianite three plane parallel plates cut along optical axes were investigated. At room temperature absorption bands with maxima at 23, 520 and 16 100 cm^{-1} were observed and also a very weak unpolarized band at 21 640 cm^{-1}. At 4.2 °K the band is slightly displaced. At 1.7 °K the band maximum is at 21 690 cm^{-1}. These results are compared with the literature and interpreted on the basis of transitions between the ion level and the intracrystalline field.
There are 3 figures and 1 table.

SUBMITTED: August 9, 1962

Card 2/3

L 4717-65 EWA(h)/EPR/EWT(l)/EEC(k)-2/K/EEC(t)/T/EEC(b)-2/EWP(k)/EWA(m)-2/EWA(h)

[illegible] with [illegible] absorption bands of activator ions with an incomplete shell in crystals

SOURCE: AN SSSR. Doklady*, v. 157, no. 2, 1964, 334-336

[illegible] band width, [illegible] activator ion, laser, light absorption,

ABSTRACT: The absorption and luminescence spectra of ions with incomplete d-shell in crystals, such as $Cr^{3+}(3d^3)$ in ruby, contain [illegible] wide (up to about 3000 to 4000 cm^{-1}) and narrow ($\Delta\nu \approx 0.1$ cm^{-1}) [illegible] important to [illegible] The present [illegible] of great [illegible] expressed [illegible] theory, and if [illegible] from each

L 6717-65

ACCESSION NR: AP4042206

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ther. The energy of the states is affected differently by thermal
is estimated for
the

SVIRIDOV, D.T.; SMIRNOV, Yu.F.; TROITSKIY, V.Ye.

Problem of d^N electron configurations in a crystal field. Configuration d^2 and d^8 in a cubic field. Kristallografiia 9 no.6:807-815 N-D '64. (MIRA 18:2)

1. Institut kristallografii AN SSSR i Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

SVIRIDOV, D.T.; SMIRNOV, Yu.F.

Algebra of irreducible cubic tensors. Dokl. AN SSSR 163 no.5:1138-1141 Ag '65. (MIRA 18:8)

1. Institut kristallografii AN SSSR i Moskovskiy gosudarstvennyy universitet. Submitted January 23, 1965.

L 36826-66 EWT(1)/T IJP(c) GG

ACC NR: AP6018765 SOURCE CODE: UR/0070/66/011/003/0375/0380

AUTHOR: Sviridov, D. T.; Sviridova, R. K.; Smirnov, Yu. F. 39 B

ORG: Institute of Crystallography AN SSSR (Institut kristallografii AN SSSR)

TITLE: Problems of the configurations of the d^N-electrons in a crystal field. Construction of the wave functions for complex configurations 21

SOURCE: Kristallografiya, v. 11, no. 3, 1966, 375-380

TOPIC TAGS: electron distribution, crystal chemistry, wave function

ABSTRACT: The article presents a method for calculating the one and two-part genealogical coefficients for cubic groups which is applicable to the analysis of multipart configurations in a strong cubic field; the properties of these quantities are discussed. The article gives complete tables of calculated values of these coefficients for groups 3/4, 3/4, and 6/4. The article starts with a discussion of the method of classification of the states of d-electrons in a cubic field. It then proceeds to calculation of the genealogical coefficients which are used in the construction of the wave functions, and then to calculation of the matrix elements of the mathematical operators. It concludes with

Card 1/2 UDC: 548.0:539.18

L 36826-66

ACC NR: AP6018765 O

tables and the one and two part genealogical coefficients. Orig. art. has: 11 formulas and 2 tables.

SUB CODE: 20/ SUBM DATE: 28May65/ ORIG REF: 007/ OTH REF: 006

ns
Card 2/2

L 26717-66

ACC NR: AP6011563

check on the theoretical scheme of the levels in a spectral region where direct measurements are impossible because of the intrinsic absorption of the crystal, or where the $d^N \rightarrow d^N$ transitions are lost against the background of other more powerful processes. Orig. art. has: 1 figure.

SUB CODE: 20/ SUBM DATE: 12Feb65/ ORIG REF: 002/ OTH REF: 005

Card 2/2

SVIRIDOV, Eduard Fedorovich; KUZ'MIN, G.N., kand. tekhn. nauk, otv. red.; OZEROVA, Z.V., red.

[Comparative effectiveness of single-pulse radar direction finding systems] Sravnitel'naia effektivnost' monoimpul'snykh radiolokatsionnykh sistem pelengatsii. Leningrad, Sudostroenie, 1964. 115 p. (MIRA 18:2)

ACC NR: AM5013087 Monograph UR/

Sviridov, Eduard Fedorovich

Comparative efficiency of monopulse radar direction-finding systems (Sravnitel'naya effektivnost' monoimpul'snykh radiolokatsionnykh sistem pelengatsii) Leningrad, Izd-vo "Sudostroyeniye," 1964. 0115 p. illus., biblio., index 2,100 copies printed

TOPIC TAGS: monopulse radar, radar signal analysis, radar signal processing, direction finding, radar mapping, statistic analysis, statistic distribution, statistics

PURPOSE AND COVERAGE: This book is concerned with the estimation of the efficiency of monopulse radar direction-finding systems. Circuits of monopulse systems are studied from the standpoint of the unified theory, signal processing rules are formulated, functional diagrams drawn in accordance with the processing rules are synthesized, and specifications for the basic elements of the functional diagrams at various signal shapes are considered. An analysis of the maximum accuracy of monopulse direction finding is carried out for a determinate signal and for a signal with random parameters at an arbitrary target location in the coverage area, and the functional diagrams of optimal resolvers at phase and amplitude direction finding are determined along with the principles of distribution of optimal estimation

Card 1/3 UDC: 621.396.962.3:621.396.969.12

ACC NR: AM5013087

Appendix II. Distribution moments of the phase difference cosine estimation at a determinate signal - - 86

Appendix III. Calculation of the integral $\int_0^{\infty} x^3 \Phi(cx) e^{-b^2x^2} dx$ - - 86

Appendix IV. Variance of the phase difference estimation at a signal of random intensity - - 87

Appendix V. Distribution moments of the phase difference cosine estimation at a signal of random intensity - - 89

Ch. V. Optimal phase and amplitude monopulse systems at an expected signal with random parameters - - 91

Appendix VI. Calculation of the integral

$$\int_0^{\infty}\int_0^{\infty} xye^{-a(x^2+y^2)} I_0\left(b\sqrt{x^2+2cxy+y^2}\right) dxdy$$

- - 106

Appendix VII. Variance of the phase difference estimation - - 107

Appendix VIII. Distribution moments of the phase difference cosine estimation - - 109

Subject index - - 111

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SUB CODE: 17 / SUBM DATE: 20Oct64/ ORIG REF: 022/ OTH REF: 026

Card 3/3

SVIRIDOV, F.; STAVIRSKIY, I., inzhener-tekhnolog.

Production of semiwool shawls. Prom.koop. no.2:27 F '57.
(MLRA 10:5)

1.Direktor trikotazhnoy fabriki no. 20 tresta "Mosgortekstil'prom". (for Sviridov)
(Knit goods industry)

SVIRIDOV, F.

Leading drivers of Kalach motor convey no.23. Avt.transp.34 no.3: 18 Mr '56. (MLRA 9:7)

1.Secretar' partiynoy organizatsii avtokolonny No.23.
(Kalach--Automobile drivers)

SVIRIDOV, G. G., SHNUTER, M. F., BIBIKOVA, V. A., BONDAR', E. P., BURDELOV, A. S., ZHURAVLEVA, V. I., KALUZHENOVA, Z. P., MARTINEVSKIY, I. L., MOROZOVA, I. V., PEYSAKHIS, L. A., ROSSINSKAYA, O. B.

"Certain laws governing the plague epizootic in the south Balkhash area (Ili-Karatal interfluve)," p. 277

Desyatoye Soveshchaniye po parazitologicheskim problemam i prirodnoochagovym boleznyam. 22-29 Oktyabrya 1959 g. (Tenth Conference on Parasitological Problems and Diseases with Natural Foci 22-29 October 1959), Moscow-Leningrad, 1959, Academy of Medical Sciences USSR and Academy of Sciences USSR, No. 1 254pp.

Central Asiatic Antiplague Inst./Alma-Ata

SVIRIDOV, G.G.; MOROZOVA, I.V.; KALUZHENOVA, Z.P.; IL'INSKAYA, V.L.

Use of radioactive isotopes in studying some problems of flea ecology. Report No. 1: Alimentary relations of fleas of the genus Xenopsylla with the greater gerbil (Rhombomys opimus Pall.) under natural conditions. Zool. zhur. 42 no.4:546-550 '63. (MIRA 16:7)

1. Central Asiatic Research Anti-Plague Institute, Alma-Ata.
(Phosphorus isotopes)
(Sary-Ishik-Otrau—Parasites—Gerbils)
(Sary-Ishik-Otrau—Fleas)

SVIRIDOV, G.G.; MOROZOVA, I.V.; KALUZHENOVA, Z.P.; IL'INSKAYA, V.L.

A model of an isolated burrow of greater gerbils. Zool. zhur. 42 no.5:780-782 '63. (MIRA 16:7)

1. Central-Asiatic Research Anti-Plague Institute, Alma-Ata.
(Gerbils as carriers of disease)
(Epidemiological research)

SVIRIDOV, G.G.

Use of radioactive isotopes in studying some problems of flea ecology. Report No. 2: Contact of animals and the intensity of the exchange of ectoparasites in the population of greater gerbils. Zool. zhur. 42 no.6:947-949 '63. (MIRA 16:7)

1. Sredneaziatskiy nauchno-issledovatel'skiy provitochumnyy institut, Alma-Ata.
(Gerbils as carriers of disease) (Fleas)
(Sulfur isotopes)

SVIRIDOV, I.A.

Operation of LAUMP pneumatic driers. Masl.-zhir. prom. 23 no.4:36 '57. (MIRA 10:5)

1. Dnepropetrovskiy maslozhirkombinat.
(Drying apparatus) (Sunflower seed)

YAKIMOVICH, G.N.; SVIRIDOV, I.A.

Casting cylinders of drop hammers. Lit.proizv. no.6:27-28 Je '53.
(MLRA 6:7)
(Metal castings)

SVIRIDOV, I.A.

NOSOVA, Ye.M.; SVIRIDOV, I.A.

Use of isothermal sleeves for warming riser heads. Lit.proizv. no.10:24-27 O '57. (MIRA 10:12)
(Foundry machinery and supplies)

BURTSEV, A.D.; SAGUSNYY, V.V.; LUPANOV, B.P.; BOGACHEV, A.F.; SMIRNOV, G.P.; ANDRONOVA, Ye.I.; GIZMAYYER, V.K.; PINES, A.V.; SHEVCHUK, R.S.; NOSOV, Ye.S.; DOROSHENKO, S.P.; KUGEL', D.B.; ZOLOTNIKOV, N.M.; SHPILENKO, A.M.; VASILYUK, A.P.; SVIRIDOV, I.A.

Using exothermic mixtures for heating the heads of steel castings. Prom.energ. 15 no.6:14 Je '60. (MIRA 13:7)
(Founding)

MANUKOVSKIY, N.F., Geroy Sotsialisticheskogo Truda, brigadir; LEBEDEVA, A.T., zven'ev. Geroy Sotsialisticheskogo Truda; KOLYADINA, A.A.; GUSEVA, N.F.; GUBANOVA, M.T.; GURENKO, A.G., svinar'; SVIRIDOV, I.G., svinar'; SHERSHOVA, M.V., zootekhnik; GORIN, D.P.; TAMBOVTSEV, P.K.; ULIN, I.; SAYTANIDI, L.D., tekhn. red.

[Leaders of socialist competition from Voronezh tell their stories] Rasskazyvaiut peredoviki-voronezhtsy. Moskva, Izd-vo M-va sel'khoz. RSFSR, 1960. 54 p. (MIRA 14:11)

1. Brigada kompleksnoy mekhanizatsii kolkhoza imeni Kirova Voronezhskoy oblasti (for Manukovskiy). 2. Kolkhoz "Rossiya" Voronezhskoy oblasti (for Lebedeva, Shershova). 3. Ryadovyye zvena vysokoy proizvoditel'nosti kolkhoza imeni Stalina Voronezhskoy oblasti (for Kolyadina, Guseva). 4. Zven'yevaya kolkhoza imeni S.M.Kirova Voronezhskoy oblasti (for Gubanova). 5. Sovkhoz "Vorob'yevskiy" Voronezhskoy oblasti (for Gurenko). 6. Sovkhoz "Maslovskiy" Voronezhskoy oblasti (for Sviridov). 7. Predsedatel' kolkhoza "Podgornoye" Voronezhskoy oblasti (for Gorin). 8. Direktor sovkhoza "Vtoraya pyatiletka" Voronezhskoy oblasti (for Tambovtsev).

(Voronezh Province--Stock and stockbreeding)
(Socialist competition)

SVIRIDOV, I.L.

Automatic operation of refrigerating chamber and spark extinguisher of the LAUMP dryer. Masl. -zhir.prom. 22 no.8:35 '56. (MLRA 10:1)

1. Dnepropetrovskiy Masloboyno-zhirovoy kombinat.
(Drying apparatus) (Oil industries--Equipment and supplies)

SVIRIDOV, K.

Simplify operational accounting work. Den.i kred. 14 no.4:58-59 Ap '56. (MLRA 9:7)
(Voronezh--Banks and banking--Accounting)

ZYAPAROV, R.; SVIRIDOV, K.; SHINDIN, F.; OSIPOV, G.

For the further improvement of bank work. Den. i kred. 18 no.10: 50-56 O '60. (MIRA 13:10)

1. Glavnyy bukhgalter Semipalatinskoy kontory Gosbanka (for Zyaparov). 2. Glavnyy bukhgalter Voronezhskoy kontory Gosbanka (for Sviridov). 3. Glavnyy bukhgalter Stalinskogo otdeleniya Gosbanka g.Chelyabinska (for Shindin). 4. Glavnyy bukhgalter Irkutskoy kontory Gosbanka (for Osipov).

(Banks and banking)

SVIRIDOV, K.

Taking into consideration the interests of industry. Prof.-tekh. obr. 18 no.5 8 My '61. (MIRA 14:8)

1. Direktor tekhnicheskogo uchilishcha No.4, Ufa.
(Ufa -Evening and continuation schools)

SVIRIDOV, K.

Measures for improving statistical reports. Den. i kred. 20 no.1: 65-66 Ja '62. (MIRA 15:1)

1. Glavnyy bukhgalter Voronezhskoy oblastnoy kontory Gosbanka.
(Voronezh Province--Banks and banking--Statistics)

SVIRIDOV, M.

This is the way to win prestige. Okh.truda i sots.strakh. no.1: 63-64 Ja '60. (MIRA 13:5)

1. Tekhnicheskiy inspektor Kirgizskogo respublikanskogo soveta profsoyuzov, g.Frunze.
(Frunze--Agricultural machinery industry)

SVIRIDOV, M. I.

Bee Culture

Using half-frames for wintering.
Pchelovodstvo 29, No. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

CHUMAK, M.M.; SVIRIDOV, N.A.

Outpatient care for collective farmers and machine-tractor station workers of Krapivenskiy District, Tula Province. Trudy 1-go MMI 5:210-217 '59. (MIRA 13:8)

1. Iz kafedry organizatsii zdravookhraneniya (zav. kafedroy - dotsent S.V. Kurashov) 1-go Moskovskogo ordena Lenina meditsinskogo instituta im. I.M. Sechenova.
(KRAPIVENSKIY DISTRICT (TULA PROVINCE)--AGRICULTURAL LABORERS--MEDICAL CARE)

SVIRIDOV, N.A.

Autohemopenicillinotherapy in purulent inflammation of the skin and subcutaneous tissue. Khirurgiia 35 no.4:103-104 Ap '59. (MIRA 12:8)

1. Iz Krapivenskoy rayonnoy bol'nitsy, Tul'skoy oblasti.
(FURUNCULOSIS, ther.
autohemopenicillinother. in furuncles & carbuncles (Rus))
(PENICILLIN, ther. use
same)
(SEROTHERAPY, in various dis.
same)

SVIRIDOV, N.A. (Tula, 12, ul. F. Engel'sa, d.15la, kv.53)

Experience with the surgical treatment of gastric carcer. Data of the Tula Province oncological dispensary. Vop. onk. 10 no.9: 94-98 '64. (MIRA 18:4)

1. Iz Tul'skogo oblastnogo onkologicheskogo dispansera (glavnyy vrach - N.A.Sviridov).

[illegible]IKOV, N.A.

Experience with the use of suturing devices in gastric cancer. (MIRA 18:3)
Khirurgiia 40 no.8:127-130 Ag '64.

1. Tul'skiy oblastnoy onkologicheskiy dispanser.

SVIRIDOV, N.A.

Comparative evaluation of suturing apparatuses for the formation of esophagointestinal anastomoses. Vop. onk. 11 no.10:85-89 '65. (MIRA 18:10)

1. Tul'skiy oblastnoy onkologicheskiy dispanser.

1. SVIRIDOV, N. D. ENG.

2. USSR (600)

4. Peat Industry

7. Results of machine work in breaking up frozen layers of deposits during the 1952 season. Torf. prom. 29 no. 10. '52.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

D.
SVIRIDOV, N., inzhener.

On an island of peat. Tekh.mol. 21 no.12:19-22 D '53. (MLRA 6:11)
(Peat industry)

25(3) SOV/117-59-8-18/44

AUTHOR: Sviridov, N.I., Head of the Shop

TITLE: Cost Accounting - of Work Sections and Work Places

PERIODICAL: Mashinostroitel', 1959, Nr 8, pp 20-22 (USSR)

ABSTRACT: Since 1 January 1959, the tool shop of the Uralmashzavod has been run on a self-supporting basis. Every worker is provided with a "personal account" in which his personal obligations concerning the increase in work efficiency and the lowering of production costs are entered. Each shop section receives a work plan in which the cost prices for the section are also indicated (Table 1). The author gives a detailed account, with examples of how cost accounting is now practiced in the shop. There is 1 table.

ASSOCIATION: 2-oy instrumental'nyy tsekh Uralmashzavod (2nd tool shop of the Uralmashzavod)

Card 1/1

SVIRIDOV, N. K.

"Participation of the Lungs in the Regulation of the Proteins of the Blood in the Presence of Varying Activity of the Vegetative Nerves. (Experimental Investigation)." Min Higher Education USSR, Leningrad Veterinary Inst, Leningrad, 1955
(Dissertation for the Degree of Candidate of Biological Sciences)

SO: Knizhnaya Letopis', No. 32, 6 Aug 55

SERGEL', O.S.; BIRUKOV, I.N.; KAS'YANOV, I.S.; SVIRIDOV, N.K.

Dynamics of luminescence of the internal organs of animals in vivo following the action of ionizing radiation. Preliminary report. Lab. delo 7 no.1:5-7 Ja '61. (MIRA 14:1)

1. Radiologicheskiy otdel (zav. - prof. A.V. Kozlova) Gosudarstvennogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya RSFSR i kafedra nauchnoy fotografii i kinematografii (zav. - chlen-korrespondent AN SSSR prof. K.V. Chibisov) Moskovskogo gosudarstvennogo universiteta.
(RADIOACTIVE TRACERS) (FLUORESCENCE)
(VISCERA)

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S/241/62/007/007/005/006
I015/I215

AUTHORS: Sviridov, N. K. and Parfenova, Ye. G. (Moscow)

TITLE: Some defense and regeneration reactions of the organism during radiation sickness

PERIODICAL: Meditsinskaya radiologiya, v. 7, no. 7, 1962, 89-90

TEXT: Acute radiation sickness was induced in 29 dogs by irradiation with 600 r from a РУМ-3 (RUM-3) unit. Chemotherapy in the form of a combination of biomycine, levomycetine, bathyl alcohol, leukogen and kaferid was applied to 14 dogs. The animals were observed for 2–3 months. The survival rate was greater, the course of radiation sickness milder, the regeneration of cells in bone marrow and peripheral blood more rapid, and the reticulo-endothelial system more active, in the animals which were subjected to chemotherapy than in those which were not treated. The reaction of the reticuloendothelial system reflected the non-specific stimulation of active mesenchyme during therapy.

Card 1/1

SVIRIDOV, N.K.

Effect of adrenaline and acetylcholine on blood luminescence. Fiziol. zhur. 48 no.3:331-334 Mr '62. (MIRA 14:5)

1. From the Radiological Department, Roentgeno-Radiological Research Institute, R.S.F.S.R. Ministry of Health, Moscow.
(BLOOD) (ADRENALINE) (CHOLINE) (LUMINESCENCE)

KAS'YANOV, I.S., kand.biol. nauk; SVIRIDOV, N.K., kand. biol. nauk; ZUYKOVA, Ye.A., prof.; VASIL'yeva, I.G. (Moskva)

Clinicohematological and morphological changes in a combination of lesions treated with a rapidly congealing plastic mass. Vrach. delo no.9:84-88 S '63. (MIRA 16:6)

1. Kliniko-eksperimental'naya laboratoriya po aprobatsii novykh radioaktivnykh preparatov (zav. - prof. V.V.Alpatov) nauchno-issledovatel'skogo rentgenoradiologicheskogo instituta Ministerstva zdravookhraneniya RSFSR.
(BURNS AND SCALDS) (PLASTICS IN SURGERY)
(RADIATION SICKNESS)

AVDEYEV, N.K.; [illegible], G.S.; DUBOVSKIY, G.A.

Changes in the peripheral blood in the treatment of capillary hemangiomas of the face with flexible P 32 applicators. Med. rad. 8 no.6:7-10 Je '63. (MIRA 17:4)

1. Iz klinike-eksperimental'noy laboratorii po aprobatsii novykh radioaktivnykh preparatov (zav. - prof. V.V. Alpatov) i radiologicheskogo otdela (zav. - prof. L.V. Keslova) Nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya RSFSR.

SVIRIDOV, N.K., kand. biologicheskikh nauk

Review of H. Ludes and G. Lehnert's book "Radioisotopes in the diagnosis of heart diseases". Med. rad. 8 no.7:92-93 Jl '63. (MIRA 17:1)

SVIRIDOV, N.K.

Review of S.M. Rapoport's book "Medical biochemistry". Lab. delo 10 no.4:253-254 '64. (MIRA 17:5)

ROZENSHTRAUKH, L.S., prof., otv. red.; SVIRIDOV, N.K., kand. biol. nauk, red.; DEMIN, V.A., red.; KUZNETSOV, I.D., kand.med. nauk, red.; LUK'YANCHENKO, B.Ya., kand. med. nauk, red.; PERESLEGIN, I.A., dots., red.; RABUKHINA, N.A., kand. med. nauk, red.; SHNEIDER, N.U., kand. med. nauk, red.

Aktual'nye voprosy klinicheskoi rentgenologii i radiologii; doklady. Current problems of clinical roentgenology and radiology. Moskva, Gos. nauchno-issl. rentgeno-radiologicheskii in-t, 1963. 205 p. (MIRA 17:5)

1.Mezhinstitutskaya konferentsiya molodykh uchenykh, posvyashchennaya 46-y godovshchine Velikoy Oktyabr'skoy Sotsialisticheskoy revolyutsii. 2. Rukovoditel' Nauchno-poliklinicheskogo otdela Moskovskogo Gosudarstvennogo rentgeno-radiologicheskogo instituta (for Kuznetsov). 3. Rukovoditel' rentgenodiagnosticheskogo otdela Moskovskogo Gosudarstvennogo rentgeno-radiologicheskogo instituta (for Rozenshtraukh). 4. Rukovoditel' Rentgenoterapevticheskogo otdela Moskovskogo Gosudarstvennogo rentgeno-radiologicheskogo instituta (for Pereslegin).

SERGEL', O.S.; SVIRIDOV, N.K.; VAGANOVA, N.T.; OMEL'YANENKO, L.M.

Some morphological and cytochemical changes in the cytoplasm of neutrophil leukocytes in relation to regenerative and degenerative processes following irradiation. TSitologiia 6 no.1:30-35 Ja-F '64. (MIRA 17:9)

1. Kliniko-eksperimental'naya laboratoriya po aprobatsii novykh radioaktivnykh preparatov i Radiologicheskiy otdel Nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya RSFSR, Moskva.

ABATUROVA, Ye.A.; SVIRIDOV, N.K.; YELPAT'YEVSKAYA, G.N.; ZUYKOVA, Ye.A.

Clinicohematological, biochemical and morphological changes in the recovery period during therapy of radiation sickness. Biul. eksp. biol. i med. 58 no.8:34-39 Ag '64. (MIRA 18:3)

1. Radiologicheskiy otdel (zav. - prof. A.V. Kozlova) Nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta (dir. - prof. I.G. Lagunova) Ministerstva zdravookhraneniya RSFSR. Submitted Sept. 14, 1963.

SHEKHTER, I.A., prof.; SVIRIDOV, N.K.; KOSINSKAYA, N.S., prof.

Book reviews. Vest. rent. i rad. 39 no.5:66-70 S-O '64.
(MIRA 18:3)

1. Predsedatel' pravleniya Leningradskogo nauchnogo obshchestva rentgenologov i radiologov (for Kosinskaya).

TIKHONOV, N.P.; PERMYAKHIN, I.A.; SVIRIDOV, N.A.

Second Hungarian Radiological Congress. Vest. rent. i rad. 39 no.6:76-83 N-D '64. (MIRA 18:6)

KASYANOV, I.S. (Moskva); SVIRIDOV, N.K. (Moskva); ZVEREV, M.P. (Moskva)

Comparative biological effectiveness of the action of γ-radiation from 25 Mev. betatron and 180 kw X-radiation. Trudy TSentr. nauch.-issl. inst. rentg. i rad. 11 no.1:36-41 '64.
(MIRA 18:11)

PANASENKO, Vasiliy Grigor'yevich; KUBAREV, K.P., retsenzent; ZAVATSKIY, M.A., retsenzent; SVIRIDOV, N.P., retsenzent; KHABAROV, L.N., retsenzent; NIKIFOROV, A.S., red.

[Study of materials used in carpentry and furniture manufacture] Materialovedenie stoliarno-mebel'nykh proizvodstv. Moskva, Lesnaia promyshlennost', 1964. 204 p. (MIRA 18:3)

SVIRIDOV, N.S. kandidat biologicheskikh nauk

Beavers of the Volga delta. Priroda 44 no.5:108-109 My '55.
(MLRA 8:7)

1. Irkutskiy sel'skokhozyaystvennyy institut
(Volga Delta--Beavers)

SVIRIDOV, N S

12-90-3-13/16

AUTHOR: Lamakin, V.V.

TITLE: The Baykal Conference (Baykal'skoye soveshchaniye)

PERIODICAL: Izvestiya Vsesoyuznogo Geograficheskogo Obshchestva, 1958, Vol. 90, Nr 3, pp 300 - 301, (USSR)

ABSTRACT: A conference dealing with the investigation of Lake Baykal was convened at Ulan-Ude in October 1957 by the Baykal Section of the Buryat-Mongolian Branch of the Geograficheskoye obshchestvo SSSR (USSR Geographical Society). The conference was attended by workers from scientific and industrial institutions of the Buryat-Mongolian ASSR, the Baykal'skaya limnologicheskaya stantsiya (Baykal Limnological Station) of the AS USSR, the Siberian branch of the Vsesoyuznyy nauchno-issledovatel'skiy institut rybnogo khozyaystva (All-Union Scientific Research Institute of Fishing Industry), the Irkutsk University, the Irkutskiy sel'skokhozyaystvennyy institut (Irkutsk Institute of Agriculture) and by representatives of the KPSS Oblast' committee. The Conference heard the following reports: V.V. Lamakin, on "Nature of Lake Baykal., Its Exploration, Utilization and Protection"; P.P. Khoroshikh, on Baykal caves; Professor M.M. Kozhov, on the biological productivity of lake Baykal; Ya.A. Koryakov, on Baykal "golomyanki"

Card 1/2

The Baykal Conference

12-90-3-13/16

(special perchlike fish); Dotsent N.S. Sviridov, on the Phoca foetida and its protection; G.G. Martinson, on the origins of the Baykal fauna; B.R. Buytanuyev, on the utilization of Baykal natural resources; G.N. Rumyantsev, on "Russian (literary) Sources on the Baykal From the XVII Century"; M.G. Bakutin, on the life of birds in the Selenga delta; T.N. Gagin on the protection of the flight itinerary of birds in eastern Siberia. The conference decided to repeat yearly conferences on the Baykal; to increase collaboration on its investigation and to take measures to protect its nature and shores.

AVAILABLE: Library of Congress

Card 2/2

1. Conferences-Lake Baykal Investigation-Ulan-Ude 2. Scientific organizations-USSR 3. Lake Baykal-Economic aspects 4. Lake Baykal-Biology

SVIRIDOV, P.A., master

Efficient method for painting pipes. Energetik. 13 no.7:19-20 Jl '65. (MIRA 18:8)

1. Teploelektrotsentral' No.2, Barnaul.

[illegible] (German)

[illegible] in the operational reliability of a pulverized coal conduit of a [illegible]. Energetik 13 no.5:27-28 My '65. (MIRA 18:8)

GRINBERG, Ya.M., dotsent; SVIRIDOV, P.F.; SMIRNOV, I.M.

Role of a night sanatorium in the prevention and therapy of hypertension. Sov.med. 20 no.6:22-25 '56. (MLRA 9:9)

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav. prof. N.Ye. Kavetskiy) Kuybyshevskogo meditsinskogo instituta.

(HYPERTENSION,
prev. & ther. in night sanatoria (Rus))

SVIRIDOV, S.

33236. Metallicheskiy Yashchikdlya Transportirovki Moloka V Butylkakh. Moloch. Prom-st', 1949, No. 10, c. 19-20

SO: Letopis' Zhurnal'nykh Statey, Vol.45, Moskva, 1949

SVIRIDOV, S. A.

"Exostotic Onychoma of the Thumb," Khirurgiya, No. 3, 1949. Mbr., Roentgeno-Radiological Dept., Central Oncological Inst., Min. Health RSFSR, -c1949-.

REYNBERG, S.A., professor; SVIRIDOV, S.A., dotsent

Madura disease (plantar mycetoma), the roentgenological picture, and X-ray therapy. Sov.med. 20 no.12:43-48 D '56. (MLRA 10:1)

1. Iz pervoy kafedry rentgenologii i radiologii (zav. zaslushennyy deyatel' nauki prof. S.A.Reynberg) TSentral'nogo instituta usovershenstvovaniya vrachey na baze Moskovskoy gorodskoy ordena Lenina klinicheskoy bol'nitsy imeni S.P.Botkina.

(FUNGUS DISEASES
madurom ycosis, x-ray diag. & Radiother.)
(RADIOTHERAPY, in various dis.
madurom ycosis)

ZEDGENIDZE, Georgiy Artem'yevich, prof.; SHILOVA-MEKHANIK, Rakhil' Solomonovna, dotsent; SVIRIDOV, S.A., red.; ROMANOVA, Z.A., tekhn. red.

[X-ray diagnosis of diseases of the teeth and jaws; a textbook for doctors and students]Rentgenodiagnostika zabolevanii zubov i cheliustei; posobie dlia vrachei i studentov. Moskva, Medgiz, 1962. 283 p. (MIRA 15:9)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Zedgenidze).
(TEETH--RADIOGRAPHY) (JAWS--RADIOGRAPHY)

SVIRIDOV, S.A.

Contemporary problems in roentgenological terminology. Vest. rent. i rad. 28 no.2:47-49 Mr-Ap'63. (MIRA 16:9)
(RADIOGRAPHY--TERMINOLOGY)

SVIRIDOV, S.A.; PEREL'MAN, V.M.; YEVDOKIMOVA, V.M. (Moskva)

Diagnosis of interstitial calcinosis. Klin. med. 41 no.4: 110-114 Ap '63. (MIRA 17:2)

1. Iz 1-y kafedry rentgenologii i radiologii TSentral'nogo instituta usovershenstvovaniya vrachey (zav. - zasluzhennyy deyatel' nauki prof. S.A. Reynberg) na baze bol'nitsy imeni S.P. Botkina.

SVIRIDOV, Timofey Mikhaylovich; VITORSKIY, V.K., dots., kand. tekhn. nauk, otv. red.; GONCHAROVA, I.V., red. izd-va; SAGITULLINA, R.I., tekhn. red.

[Ionic devices; third lecture for students of the departments of electricity, physics, and power engineering] Ionnye pribory; lektsiia 3 dlia studentov elektrofizicheskogo i energeticheskogo fakul'tetov. Moskva, Vses. zaochn. politekhn. in-t, 1960. 22 p. (MIRA 15:8)
(Electronic apparatus and appliances)

SVIRIDOV, Timofey Mikhaylovich

[Testing of ionic devices] Ispytaniia ionnykh priborov. Moskva, Vysshaia shkola. Lecture no.5.[Manual on the course: "Ionic devices and industrial electronics" for students of electrical and power engineering departments of the All-Union Polytechnical Correspondence Institute] Posobie po kursam: "Ionnye pribory i promyshlennaia elektronika" dlia studentov elektrofizicheskogo i energeticheskogo fakul'tetov VZPI. 1962. 34 p. (MIRA 17:4)

SVIRIDOV, V., mayor, voyennyy letchik pervogo klassa

Interception in clouds. Av.i kosm. 46 no.2:28-31 F '64. (MIRA 17:3)

RIDEL', M.I., dots., kand. tekhn. nauk; SVIRIDOV, V.A., inzh.

Design manufacture and testing of containers for combined rail and truck transport of brick and other similar building materials. Trudy MIIT no.86:379-424 '57. (MIRA 11:1)
(Containers) (Brick--Transportation)

SVIRIDOV, V., inzh.; PASECHNICHENKO, D., inzh.

Simplified water supplying container. Stroitel' no.4:19 Ap '58. (MIRA 11:5)

(Containers)

SOV/122-59-2-29/34

AUTHOR: Sviridov, V.A., Engineer

TITLE: Electro-Hydraulic Actuators and their Advantages (Elektrogidravlicheskiye tolkateli i ikh preimushchestva)

PERIODICAL: Vestnik Mashinostroyeniya, 1959, Nr 2, pp 78-82 (USSR)

ABSTRACT: A series of electro-hydraulic straight line actuators has been developed by the All-Union Scientific Research Institute for Mechanical Handling Equipment (VNIIPTMASh). These were fully described in Symposium Nr 18 issued by the Institute in 1957 and are illustrated in Fig 1 and specified in table 1. The thrust varies between 16 and 160 kg and the stroke, between 25 and 140 mm. West and East German units are illustrated and specified in Fig 2 and 3 and tables II and III respectively. The author disputes the contention of A.I.Martyushov (Vestnik Mashinostroyeniya, 1957, Nr 5) that electro-mechanical inertia type actuators are superior to electro-hydraulic types. Using earlier derivations published in 1958 by the Institute ("Actuators with straight line motion"), the characteristic curves of the inertia actuator, using the centrifugal force of

Card 1/3

Electro-Hydraulic Actuators and their Advantages

rotating weights through a linkage mechanism (Fig 4), are found and shown in graphs (Fig 5). The pressure of inertia actuators varies with the position of the mechanism whereas electro-hydraulic actuators have a constant pressure. Hydraulic actuators have strokes between 50 and 600 mm compared with a maximum of 50 mm for the inertia actuator. Without regulating means, the mean speed of hydraulic actuators is 4 to 6 times greater than that of the inertia actuator. Hydraulic actuators can have a speed control in a range of 50:1 and inertia actuators do not exceed 14:1, in large units, and 5:1 in small units. The maximum number of engagements with a comparable stroke is 4000 per hour in hydraulic actuators, far beyond that of inertia actuators. The efficiency of hydraulic actuators is around 50% and that of inertia actuators less than 10%. Hydraulic actuators are of simpler design. Hydraulic actuators can act as dampers during the reverse stroke. Hydraulic actuators are also compared with solenoids having a large stroke and shown to be superior on account of much smaller starting currents, controllable speed,

Electro-Hydraulic Actuators and their Advantages

absence of impact loads, tenfold efficiency and 1/10th of the weight. There are 5 figures, 3 tables and 7 Soviet references.

Card 3/3

SVIRIDOV, V., inzh.

Clarifier with pneumohydraulic injectors. Stroitel' no.1:25 Ja '61. (MIRA 14:2)

(Lime)

SVIRIDOV, V.; LEMBERGER, A.

Twelve-meter wall panels. Stroitel' 8 no.4:18 Ap '62. (MIRA 15:7)
(Walls, Concrete)

VED', Ye.I.; SVIRIDOV, V.A.; TERESHCHENKO, L.Ye.

The possibility of using asbestos-cement wastes for the production of large silicate blocks. Stroi.mat. 8 no.11:11-12 N '62. (MIRA 15:12)

(Building materials)

VED', Ye.I., kand.tekhn.nauk; TERESHCHENKO, L.Ye., inzh.; SVIRIDOV, V.A., inzh.; BELOUS, N.I., inzh.

Binding properties of asbestos cement wastes and their use in producing heat-insulating materials. Stroi.mat. 9 no.9:35-36 S '63. (MIRA 16:10)

BEKKER, B.I.; PANTUYEV, V.S.; SVIRIDOV, V.A.; KHACHATUROV, N.N.

Diffusion losses by C^{11} nuclei in the activation of plastic plates by high-energy protons. Zhur. eksp. i teor. fiz. 46 no.2:813-814 F '64. (MIRA 17:9)

1. Ob"yedinennyy institut yadernykh issledovaniy.

ACCESSION NR: AP4037572 S/0056/64/046/005/1608/1611

AUTHORS: Nikitin, V. A.; Sviridov, V. A.; Strunov, L. N.; Shafranova, M. G.

TITLE: On the possibility of studying interference between Coulomb and nuclear scattering during the collisions of particles with energies above 10 GeV

SOURCE: Zh. eksper. i teor. fiz., v. 46, no. 5, 1964, 1608-1611

TOPIC TAGS: particle scattering, proton scattering, elastic scattering, elastic recoil angle, cloud chamber, nuclear cross section, Coulomb scattering, nuclear scattering

ABSTRACT: It is shown first that at high energies the elastic scattering of particles by protons cannot be investigated by recording the scattered particle, and that the recoil proton must be recorded. Two ways are proposed for eliminating the difficulties connected with the

Card 1/3